



OPEN-FILE REPORT 79-1423
PLATE 6 OF 13

700
600

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from the surface to the top of the coal bed or zone. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval is 100 feet.

SL

STRIPPING-LIMIT LINE - Boundary for surface mining (in this quadrangle, the 200-foot-overburden isopach). Arrow points toward the area suitable for surface mining.

BK

TRACE OF COAL ZONE OUTCROP - Showing symbol of name of coal zone as listed below. Arrow points toward coal-bearing area. Long-dashed where inferred; short-dashed where author-inferred. Trace of coal zone contact dotted where concealed by alluvium.

BK - BALD KNOLL

COAL ZONE SYMBOL AND NAME - Symbol appears as an identifier on the TRACE OF COAL ZONE OUTCROP.

-10-

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping limit.

TRACE OF FAULT - Symbols designate direction of movement when known. Bar and ball on downthrown side; dashed where inferred, dotted where concealed.

To convert feet to meters, multiply feet by 0.3048.

COAL RESOURCE OCCURRENCE MAP OF THE ALTON QUADRANGLE KANE COUNTY, UTAH BY MEIJI RESOURCE CONSULTANTS

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

PLATE 6

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE BALD KNOLL COAL ZONE